

WHAT IS CLAIMED IS:

1. A combination layout tool comprising a triangular shaped member having three side edges that intersect at opposite ends to form two  $67\frac{1}{2}^\circ$  angle corners and one  $45^\circ$  angle corner, said member having a perpendicular height from one of said  $67\frac{1}{2}^\circ$  angle corners to an opposite side edge in excess of 20 inches.
2. The tool of claim 1 wherein said height is approximately 24 inches.
3. A combination layout tool comprising a triangular shaped member having three side edges that intersect at opposite ends to form three angle corners, one of said side edges extending between two of said corners having a notch along the length of said one side edge that is closer to one of said two corners than the other of said two corners, and a plurality of incremental angle slots in said member adjacent the side edge of said member opposite said one corner in radial alignment with said notch in said one side edge.
4. The tool of claim 3 wherein said member has two  $67\frac{1}{2}^\circ$  angle corners and one  $45^\circ$  angle corner, said one side edge extends between said  $45^\circ$  angle corner and one of said  $67\frac{1}{2}^\circ$  angle corners, and said notch in said one side edge is closer to said one  $67\frac{1}{2}^\circ$  angle corner than the intersection of a line extending perpendicular from the other of said  $67\frac{1}{2}^\circ$  angle corners with said one side edge.
5. The tool of claim 3 wherein one of said incremental angle slots is a  $90^\circ$  angle slot that extends perpendicular to said one side edge in alignment with said notch.
6. The tool of claim 3 wherein said incremental angle slots are spaced  $5^\circ$  apart.

7. The tool of claim 6 further comprising at least one additional angle slot between said 5° angle slots.

8. The tool of claim 7 wherein an additional angle slot is at 22½° as measured from said notch in a direction away from said one side edge.

9. The tool of claim 7 wherein an additional angle slot is at 67½° as measured from said notch in a direction away from said one side edge.

10. The tool of claim 3 further comprising a triangular shaped slot in said member in close proximity to said notch for latching one end of a string through said triangular shaped slot that has been pulled over said notch and one of said angle slots.

11. The tool of claim 3 further comprising at least one rafter tail/ridge cut pattern formed in said one side edge in spaced relation from said notch.

12. The tool of claim 11 wherein there are at least two rafter tail/ridge cut patterns in said one side edge in spaced relation from one another and from said notch.

13. The tool of claim 12 wherein one of said patterns is a 4 and 12 pitch pattern.

14. The tool of claim 13 wherein another of said patterns is a 6 and 12 pitch pattern.

15. The tool of claim 12 wherein each of said patterns consists of two straight sides intersecting said one side edge and intersecting one another at a 90° angle, one of said sides of each pattern being shorter than the other side,

and angled slots in said member in alignment with the respective short side of each of said patterns.

5 16. The tool of claim 3 further comprising tread and riser slots in said member extending at 90° relative to one another, said tread and riser slots having inner ends terminating in closely spaced relation from one other, and outer ends terminating in a plane parallel to said one side edge.

10 17. The tool of claim 16 wherein said tread slot has a length of 10 inches and said riser slot has a length of 7 inches.

15 18. The tool of claim 16 further comprising a hole in said member in the same plane in which the outer ends of said tread and riser slots terminate, said hole being spaced from said outer end of said riser slot a distance corresponding to the distance between the outer ends of said tread and riser slots.

20 19. The tool of claim 3 further comprising a pivot point receiving hole in said member adjacent one of said corners and a plurality of incrementally spaced marker receiving holes in said member in incremental spaced relation from said pivot point hole for drawing different diameter circles by rotating said tool about a pivot point extending through said pivot point hole using a marker extending through one of said marker receiving holes.

25 20. The tool of claim 19 wherein said pivot point receiving hole and said marker receiving holes are in a common plane in parallel spaced relation to said one side edge.

30 21. The tool of claim 3 further comprising a plurality of spaced apart parallel stud layout slots in said member extending in a direction perpendicular to said one side edge.

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22. The tool of claim 21 wherein one of said stud layout slots is in alignment with said notch.

5 23. The tool of claim 22 wherein another of said stud layout slots is spaced 16 inches from said one stud layout slot for use of said stud layout slots to make a 16 inch stud layout.

10 24. The tool of claim 22 wherein there are two additional stud layout slots located on opposite sides of said one stud layout slot.

15 25. The tool of claim 24 wherein one of said additional stud layout slots is spaced 16 inches from one side of said one stud layout slot, and the other of said additional stud layout slots is spaced 8 inches from another side of said one stud layout slot for use of said one stud layout slot and said one additional stud layout slot in laying out studs on 16 inch centers, and for use of both of said additional layout slots in laying out studs on 24 inch centers.

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